

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

Claims 1-5 (canceled).

6. (previously presented) A disk array controller comprising:

a channel interface package in which at least a channel interface unit with a host computer and an access path interface unit are packaged;

a disk interface package in which at least a disk interface with a disk drive and an access path interface unit are packaged:

a memory package in which a memory unit for storing control data for the disk drive and an access path interface unit are packaged,

wherein connections are made between the access path interface unit in the channel interface package and the access path interface unit in the memory package and between the access path interface unit in the disk interface package and the access path interface unit in the memory package by cables; and

a platter,

wherein the channel interface package and the disk interface package are mounted on the platter,

wherein a first path and a second path are printed on the platter,

wherein the first path couples the channel interface package to the cables,

and

wherein the second path couples the disk interface package to the cable.

7. (previously presented) A disk array controller comprising:

- a channel interface package in which at least a channel interface unit with a host computer and an access path interface unit are packaged;
- a disk interface package in which at least a disk interface with a disk drive and an access path interface unit are packaged;
- a memory package in which a memory unit for storing control data for the disk drive and an access path interface unit are packaged,

wherein connections are made between the access path interface unit in the channel interface package and the access path interface unit in the memory package and between the access path interface unit in the disk interface package and the access path interface unit in the memory package by cables;

- first and a second platters;
- a first cable coupling the channel interface package and the memory packages; and
- a second cable coupling the disk interface package and the memory package,

wherein the channel interface package is mounted on the first platter, and the disk interface package is mounted on the second platter,

wherein a path coupling the channel interface package to the cable is printed on the first platter, and

wherein a path coupling the disk interface package and the cable is printed on the second platter.

Claims 8-30 (canceled)

31. (previously presented) A disk array controller comprising:

- a channel interface unit to be coupled with a host computer;
- a disk interface unit to be coupled with a disk drive;
- a memory unit for storing control data for the disk drive;
- a first platter on which the channel interface unit is mounted;
- a second platter on which the disk interface unit is mounted;
- a third platter on which the memory unit is mounted;
- a first cable which couples the first and third platters;
- a second cable which couples the second and third platters,

wherein a path coupling the channel interface unit to the first cable is printed on the first platter,

wherein a path coupling the memory unit to the first cable is printed on the third platter,

wherein a path coupling the memory unit to the second cable is printed on the third platter;

- a cache memory unit for storing data to be recorded into the disk drive;
- a fourth platter on which the cache memory unit is mounted;
- a third cable which couples the first and fourth platters; and
- a fourth cable which couples the second and fourth platters,

wherein a path coupling the cache memory unit to the third cable is printed on the fourth platter, and

wherein a path coupling the cache memory unit to the fourth cable is printed on the fourth platter.

Claims 32-42 (canceled).